

Date: Thu, 17 Feb 94 04:30:54 PST
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V94 #41
To: Ham-Digital

Ham-Digital Digest Thu, 17 Feb 94 Volume 94 : Issue 41

Today's Topics:

 Baycom 2.0???

 EMail between the Internet & Packet

 internet access

 Packet at 1.2 GHz (23cm)?

 Yaesu Ft-470 Rx Range?

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 17 Feb 1994 04:15:18 GMT
From: agate!howland.reston.ans.net!wupost!csus.edu!netcom.com!
fmitch@network.ucsd.edu
Subject: Baycom 2.0???

To: ham-digital@ucsd.edu

a friend heard a rumor that baycom 2.0 had been released... anyone on
the net here know anything about it? if it is available, is it a commercial
product or shareware??? if commercial, where do i order it? if shareware,
where is it posted?... this is baycom for the pc, of course...

mitch, wa4osr
--

fmitch@netcom.com
Felton "Mitch" Mitchell, WA4OSR in Mobile, Alabama USA
205-342-7259 home, 205-476-4100 work, 205-476-0465 FAX
co-sysop for W4IAX bbs running fbb ... sysop for WA4OSR DXCluster in Mobile..

Date: Wed, 16 Feb 1994 23:19:52 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!cs.utexas.edu!
swrinde!sgiblab!pacbell.com!tandem!vern!pat@network.ucsd.edu
Subject: EMail between the Internet & Packet
To: ham-digital@ucsd.edu

In article 106450001@hpcss01.cup.hp.com, markb@hpcss01.cup.hp.com (Mark Butterworth) writes:

>Yes, I am using N0ARY-1 here in california, send him an internet
>Email message and get set up on his machine(s), SUN SPARK II,
>quite a setup.
>
>try sending to root@bbs.arasmith.com
>

If you want info on the internet gateway, or information on how to register, send a message to:

gateway_info@lbc.com (my box)
gateway_info@arasmith.com (Bob's box)

-pat :-) N6QMY

Date: Mon, 14 Feb 94 22:47:55 -0500
From: yale.edu!noc.near.net!news.delphi.com!usenet@yale.arpa
Subject: internet access
To: ham-digital@ucsd.edu

I am brand new to ham-radio, packet and all the like. I am interested in using packet amateur radio to establish a full link between my unix machine (USL 4.2) and the internet. Is this possible? Where do I start?

I need an education, where can I find the information I'm looking for.

Date: 16 Feb 1994 21:51:44 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!cs.utexas.edu!
swrinde!sgiblab!sgigate.sgi.com!olivea!ncd.com!newshost.ncd.com!hansen.ncd.com!

phil@network.ucsd.edu
Subject: Packet at 1.2 GHz (23cm)?
To: ham-digital@ucsd.edu

I have two 1.2 GHz repeaters and until recently I had a 1.2 GHz packet cluster node operating in the Bay Area. I just transferred this node to a friend who is now operating it.

What I use is off the shelf equipment. It is not full duplex... But it did work and work very well.

1.2 GHz radios are available from Yeasu, ICOM, Standard and Kenwood...

Phil

Date: 14 Feb 94 20:29:00 -0500
From: blkcat!1-109-239-0!Jack.Anderson@uunet.uu.net
Subject: Yaesu Ft-470 Rx Range?
To: ham-digital@ucsd.edu

K> : Try this - with the radio OFF, hold down both arrow buttons and turn
K> : back on, then see if you can RX out of band.
K>
K>
K> That was it, I checked through the manual and could not find this, though
K> much, Any other Tricks that you know of? thanks Ken WL7IR

There's a "keyboard mod" that will allow you to receive out-of-band on UHF. It is a bit cumbersome but it works well up to about 460 MHz or so.

For those looking for an extended UHF receive mod for the Yaesu FT-470 handie-talkie, here it is!

Found this on packet this afternoon and after trying it out on my FT-470, it works great!

(Edited for line length limit)

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Msg#:1665 Lines:67 Date: 7/19/91 1:24 am
From: KD6CQ (via Packet)

To: FT470 @ ALLUS

Re: Yaesu FT-470 Extended RX Mod!!!

R:910719/0518z @:N6YN.#SOCA.CA.USA.NA Los Angeles #:49014 0:KD6CQ
\$:49014_N6YN

Thanks to Darrel Sego (KM9S) and INFO-HAMS for the basis of this mod. This modification require NO TOOLS and will allow your Yaesu FT-470 to RECEIVE from 400.00 MHz to 500.00 MHz. Transmit is intact only from 430.000 to 450.00 MHz.

Modification Follows:

YAESU FT-470 UHF RECEIVE MODIFICATION.

This modification will make the popular Yaesu FT-470 dual-band handheld transceiver receive below 430 MHz and above 450MHz. This procedure stores the upper limit into the "U" memory channel and the lower limit into the "L" memory. To use it return to the "L" memory and tune up to the frequency desired or direct keypad entry (example 460.075, enter 60.075). Once the frequency is entered you may store it into any memory according to the operating instruction manual. NOTE: do not invoke memory skip in either the "U" or the "L" memory.

Here are the steps in order.

1. Place the radio on the UHF band and program into VFO A 450.00 MHz simplex (no offset).
2. Press the F and then the RPT key.
3. Enter 0000 into the keypad.
4. Shut the transceiver off then back on.
5. Press the repeat key twice for a + (plus) offset.
6. Press the REV button one time.
7. The radio will now display 1450 MHz. (the radio won't operate at these frequencies).
8. Press the F key and the down arrow until the unit displays 500.00 MHz. Press the F key twice to store in the "U" memory.
9. Repeat steps 1 through 4.

10. Press the repeat key for a - (minus) offset.

11. press the REV button once.

12. Key the PTT button 3 times. The display should show 45 MHz.

13. Press the F key and the UP arrow until the unit displays 400.00 MHz. Press the F key once and rotate the knob on top until the unit displays "L" memory. Press the F key twice to store into the "L" memory.

ANY frequency can be either dialed in, scanned, or keyed in.
Store your favorite frequencies in any memory.

Variations on frequency limits can be used. Sensitivity is useable at 506 with severe degradation over the spec.

Have fun!!

Scott KD6CQ

---- cut here ----

I did the above and plugged in 483.2125 (L.A. County Sheriff, East Los Angeles) and with my Pro-34 scanner as a check radio, I was able to receive there. However, during step 12, my display said "50" instead of the stated "45".

One thing that the mod does not mention that by entering in 0000 during step 3 (modifying the repeater split), it only affects VFO A. After you've made the keyboard mod, you can reset the repeater split for VFO A (if you don't and you enter a 440 frequency with either a -/+ offset, you won't be offset! It will remain at 0.00 offset).

Caution: If you don't have the automatic repeater offset option ON, the repeater offset will remain active when you do the above steps. And the repeater offset indicator remains active in the L/U memories. If you follow the above instructions to dial in the extended UHF frequency and save it to one of the memory channels, the offset is also saved. And if you press the PTT, in addition to the "Err" message, your frequency display for that memory channel becomes scrambled (but the frequency itself is not changed). My recommendation either is to remove the offset after you've saved the extended UHF freq. into memory or turn ON the APO.

Gary N6MMM

* SLMR 2.0 * Amateur Radio Station N6MMM / Hacienda Heights, CA

--- TriDog 6.2

End of Ham-Digital Digest V94 #41
